

Armlen PP MD 30-7HS

30% mineral filled polypropylene, heat stabilized, for structural part application.

Designed for injection molding of various items and parts for construction, electrical tools, machine engineering, household appliances, transportation and etc.

Properties	Test method	Unit	Typical value
MISCELLANEOUS			
Density	ISO 1183	kg/m ³	1150
Tensile strength	ISO 527-1	MPa	26
Flexural Modulus	ISO 178	MPa	2800
Flexural Stress at maximum load	ISO 178	MPa	40
Charpy Impact Strength at +23°C (un-notched)	ISO 179	kJ/m ²	38
THERMAL			
Melting Point	ISO 11357	°C	162
Deflection Temperature at 0.45 MPa load	ISO 75	°C	120
PROCESSING			
Melt Flow Rate (230 °C; 2,16 kg)	ISO 1133	g/10 min	12-16
Melt Temperature		°C	235
Mold Temperature		°C	40
Moulding Shrinkage	ISO 294-4	%	0.8-1.0

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